

164504



November 11, 1983

Commonwealth of Pennsylvania
Department of Environmental Resources
1875 New Hope Street
Norristown, PA 19401

ATTENTION: Mr. Walter Stanley
Chief of Operations Section

RE: Industrial Waste NPDES Permit No. PA0050679
NVF Company, Kennett Square, PA
Chester County

Dear Mr. Stanley:

In accordance with our telephone conversation of yesterday, you will find a complete analysis report of water samples taken at various discharge locations at our Kennett Square facility. Sample report prepared by Edward H. Richardson Associates, Inc. with analysis for each of the sample points as specifically designated on our NVF Company Drawing No. P-2548 dated 1/6/82 is enclosed.

When you and/or your staff have had time to analyze this information, we will be available to meet with you anytime at your convenience.

Sincerely,

William Witt, P.E.
Director of Engineering

WW:cmr
Enc.

bcc: E.McDermott
S.Kovach
R.Davis

AR100773

**SAMPLE LOCATIONS OF DISCHARGE WATER
ANALYSIS REPORT**

SAMPLE 1	Discharge at Northeast end of dention area
SAMPLE 2	Discharge at Northwest of dention area
SAMPLE 3	Discharge at 001 before the railroad tracks
SAMPLE 4	Discharge at 001 on the other side of railroad tracks
SAMPLE 5	Discharge at old outlet West of Building F-11
SAMPLE 6	No. 2 well water taken at Filamite band saw
SAMPLE 7	No. 1 well water taken at air compressors
SAMPLE 8	City water taken from sink at Boiler Room
SAMPLE 9	Taken from manhole Northeast of Building F-7
SAMPLE 10	Cooling tower water at hydrotherm

AR100774

H. J. Prosser
LABORATORY MANAGER

0.4 MILE WEST OF U.S. RT 113 ON DEL RT 10

COMM. NO. 6218-1
RECEIVED 9/14/83
SAMPLED 9/14/83
SAMPLED BY R.K.W. of EHRA

H. L. G. Garrow
LABORATORY MANAGER

SAMPLE LOCATIONS OF SEDIMENT
ANALYSIS REPORT (PCB'S)

1. Discharge at Northeast end of dention area.
2. Discharge at Northwest end of dention area.
3. Discharge at 001 before R/R tracks.
4. Discharge of 001 on the other side of R/R tracks.
5. 30 feet from basin, East and 10 feet from parking area.

SAMPLE LOCATION OF DISCHARGE WATER
ANALYSIS REPORT (COPPER)

6. Discharge at Burnisher.
7. Centerless Grinder Pit.
8. From Lab Etcher.

EAM/tlp
11/8/83
CC: S. W. Kovach
R. F. Bailey
W. W. Witt
J. Griffith

RECEIVED

NOV 15 1983

ENGINEERING

AR100777

REVISÉD COPY

COMM. NO. 6218-1
RECEIVED 9/22/83
SAMPLED 9/22/83
SAMPLED BY R.K.W. of EHRA

LABORATORY ANALYSIS REPORT

AMPLE NO.	SAMPLE DESCRIPTION
AS162	Sample 1 - Grab at 1113 hours
AS163	Sample 2 - Grab at 1122 hours
AS164	Sample 3 - Grab at 1131 hours
AS165	Sample 4 - Grab at 1143 hours
AS166	Sample 5 - Grab at 1208 hours

RESULTS OF ANALYSES

[illegible]

PCB values are reported on as received basis.

UPERVISING ANALYST:

ANALYSES CERTIFIED BY:

Mina R. Shah
10/27/83 fyh Revised 11/8/83

AR100778

LABORATORY MANAGER

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE: (302) 697-2183
1/2 MILE WEST OF U.S. RT. 113 ON DEL. RT. 101

NVF Company
P.O. Box 160
Kennett Square, PA 19348

Attn: Mr. Ed McDermot

COMM. NO. 6218-1
RECEIVED 9/22/83
SAMPLED 9/22/83
SAMPLED BY R.K.W. of EHRA

LABORATORY ANALYSIS REPORT

SAMPLE NO.

SAMPLE DESCRIPTION

AS167	Sample 6 - Grab at 1220 hours
AS168	Sample 7 - Grab at 1237 hours
AS169	Sample 8 - Grab at 1302 hours

RESULTS OF ANALYSES

	AS167	AS168	AS169
per. mg/l	2.8	0.05	5700

SUPERVISING ANALYST:

Mina R. Shah AR100779
10/27/83 fyh

ANALYSES CERTIFIED BY:

LABORATORY MANAGER

SAMPLE LOCATION OF GROUND AND
WATER ANALYSIS REPORT
(PCB'S)

SAMPLE 1A Dirt sample at Northwest of P-22 (beside truck repair shop
in ditch).

SAMPLE 2A Dirt sample at Northwest of P-22 along foundation of truck
shop.

SAMPLE 3A Dirt sample North of truck repair shop and on hill.

SAMPLE 4A Well water from No. 7 Press.

SAMPLE 5A No. 7 Press pitt; Sludge, H2O, Oil, etc.

SAMPLE 6A H2O from man hole at Northeast end of P-24.

SAMPLE 7A H2O from fountain at shipping P-24.

EAM/tlp
11/14/83
cc: S. W. Kovach
R. F. Bailey
W. Witt
J. Griffith

AR100780

H. F. Johnson

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE: (302) 697-2183
(1/4 MILE WEST OF U.S. RT. 113 ON DEL. RT. 10)

NVF Company
P.O. Box 160
Kennett Square, PA 19348

COMM. NO. 6218-1
RECEIVED 10/11/83
SAMPLED 10/11/83
SAMPLED BY R.K.W. of EHRA

Attn: Mr. Ed McDermot

LABORATORY ANALYSIS REPORT

SAMPLE NO.

SAMPLE DESCRIPTION

AS367 Drinking Water - Grab at 1130 hours

RESULTS OF ANALYSES

PCB, $\mu\text{g}/\text{l}$ (ppb)

AS367

<0.04

Results reported on dry weight basis (103°C).

SUPERVISING ANALYST:

ANALYSES CERTIFIED BY:

Mina R. Shah

AR100782

[Signature]

SAMPLE LOCATIONS OF SEDIMENT
ANALYSIS REPORT (PCB'S)

1. Discharge at Northeast end of dention area.
2. Discharge at Northwest end of dention area.
3. Discharge at 001 before R/R tracks.
4. Discharge of 001 on the other side of R/R tracks.
5. 30 feet from basin, East and 10 feet from parking area.

EAM/tlp

11/8/83

CC: S. W. Kovach
R. F. Bailey
W. Witt
J. Griffith

AR100783

EDWARD H. RICHARDSON ASSOCIATES, INC.

A TETRA TECH COMPANY

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE (302) 691-2100

10 MILE WEST OF U.S. ROUTE 1 ON DEL. RT. 100

REVISED COPY

NVF Company
P.O. Box 160
Kennett Square, PA 19348

COMAL NO 6218-1
RECEIVED 9/22/83
SAMPLED 9/22/83
SAMPLED BY R.K.W. of EHRA

Attn: Mr. Ed McDermot

LABORATORY ANALYSIS REPORT

SAMPLE NO. SAMPLE DESCRIPTION

AS162	Sample 1 - Grab at 1113 hours
AS163	Sample 2 - Grab at 1122 hours
AS164	Sample 3 - Grab at 1131 hours
AS165	Sample 4 - Grab at 1143 hours
AS166	Sample 5 - Grab at 1208 hours

RESULTS OF ANALYSES

	AS162	AS163	AS164	AS165	AS166
PCB, µg/l (ppb)	7500	6600	4500	9500	9800
Total Solids, % @ 103°C	77.69	72.96	71.21	71.24	82.26
Moisture, % @ 103°C	22.31	27.03	28.79	28.56	17.74

PCB values are reported on as received basis.

PERVISING ANALYST:

ANALYSIS CONTROLLED BY:

AR100784

Mina R. Shah